

ABSTRACT OF THE DISCCLSURE

There is provided an identification device capable of accurately, rapidly, and easily identifying a hydrocarbon-based liquid and

5 alcohol-based liquid. An identification sensor unit (2) is arranged to face a flow passage (20) of a liquid to be measured and includes a liquid type detection unit with indirect heating (21) having a heating body and a temperature-sensitive body, and a liquid temperature detecting unit (22) for detecting the temperature of the liquid to

10 be measured. The identification device further includes an identification calculation unit for applying a single pulse voltage to the heating body of the liquid type detection unit (21) so as to generate heat and identifying the liquid to be measured according to an output of a liquid type detection circuit formed by the

15 temperature-sensitive body of the liquid type detecting unit (21) and the liquid temperature detection unit. The identification calculation unit identifies the liquid to be measured according to a liquid-type-corresponding first voltage value corresponding to a difference between the initial temperature of the

20 temperature-sensitive body when the heating body generates heat and a first temperature at the moment when the a first time has elapsed from the start of application of the single pulse and a liquid-type-corresponding second voltage value corresponding to a difference between the initial temperature of the

25 temperature-sensitive body and a second temperature at the moment when a second time longer than the first time has elapsed from the start of application of the single pulse.